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Naval Research Laboratory
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Organization: Naval Research Laboratory

Title: Terrain Properties and Topography
from Skylab Altimetry

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The analysis of Skylab altimeter data of Pass 16 (SL-3) has been completed, and the results are consistent with previously analyzed data. An over-all basic summary of all results indicates

1. The Skylab altimeter profiles large flat areas such as water surfaces, deserts and plains with high precision.
2. The instrumental fluctuations of height and reflected power over complex areas are primarily due to interaction of AGC and range tracker loop.
3. The terrain reflections are dominantly specular or large body returns.

During the next reporting period the reduced data will be organized for presentation in final report.

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